Thesis Search

Access DB# 113677

(23)

SEARCH REQUEST FORM

Scientific and Technical Information Center

Requester's Full Name: Qamrun Nahar Examiner #: 79621 Date: 2/5/04
Art Unit: 2124 Phone Number 305-7699 Serial Number: 09/727,546
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Please provide a detailed statement of the search topic, and describe as specifically as possible the subject matter to be searched. Include the elected species or structures, keywords, synonyms, acronyms, and registry numbers, and combine with the concept or utility of the invention. Define any terms that may have a special meaning. Give examples or relevant citations, authors, etc, if known. Please attach a copy of the cover sheet, pertinent claims, and abstract.

Title of Invention: Method of determining the syntactic correctness of expressions

Inventors (please provide full names): Rajendra Kumar Bera

Earliest Priority Filing Date: 12/01/99

***For Sequence Searches Only* Please include all pertinent information (parent, child, divisional, or issued patent numbers) along with the appropriate serial number.**

Topic: Determining the syntactic correctness of expressions

Novelty: A string of characters is created from the expression. Specific characters included in the string and also in predetermined list are iteratively substituted w/characters in another list, until the expression is reduced into a single predetermined character. If the expression is reduced into a single predetermined character, the expression is determined to be syntactically correct.

Motivation: Alternate method of determining

Prior Art: Usually takes the expression and break the expression up into tokens, and then create a syntax tree where the tokens are the nodes. Then, the parser uses/checks the syntax tree for correctness

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PTO-1590 (8-01)